

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 04154411  
PUBLICATION DATE : 27-05-92

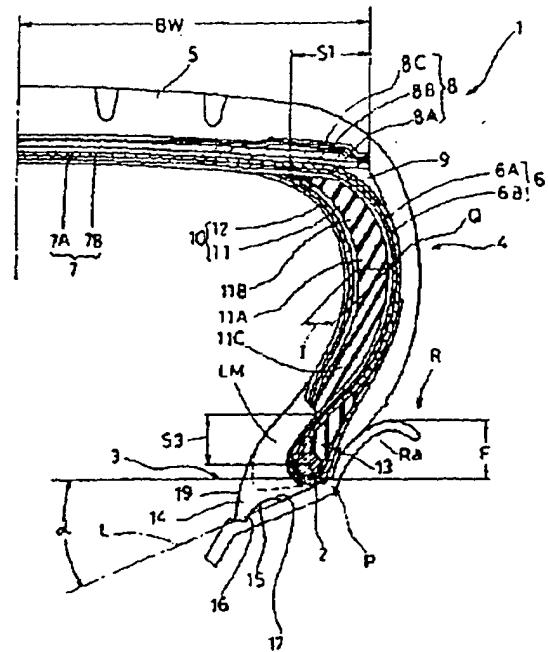
APPLICATION DATE : 18-10-90  
APPLICATION NUMBER : 02281289

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INT.CL. : B60C 17/00 B60C 9/18 B60C 13/00  
B60C 15/02

TITLE : SAFETY TIRE



ABSTRACT : PURPOSE: To ensure rim assembling performance and light weight and also improve its run-flat performance by providing a side wall reinforcing layer provided with a rubber reinforcing body and cord reinforcing body, on the inner face of a side wall section and also providing a low elastic rubber layer on the inside of radial direction thereof.

CONSTITUTION: A safety tire 1 has a bead section 3 through which a bead core 2 passes, a side wall section 4 which extends outward in radial direction from the bead section 3, and a tread section 5 which connects their upper ends together. In this case, a side wall reinforcing layer 10 is provided on the inner face of the side wall section 4. The side wall reinforcing layer 10 is provided with a rubber reinforcing body 11 which is provided on the carcass 6 side and cord reinforcing body 12 which is provided along the inner face of the rubber reinforcing body 11. Also, a low elastic rubber layer LM is provided in the area which extends to bead heel line through the inside of axial direction of the bead section 3. Further, a toe section 14 which protrudes inward at inner end in axial direction of tire of the bead section 3 is formed by providing an inward piece consisting of hard rubber in the bead section 3.

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